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CLAIM AMENDMENTS

In the claims, please amend claims 1, 7 and 13 as follows:

1) (currently amended) A compound for inserting into an organism, comprising: the compound having a disulfide bond that is labile under mammalian intracellular physiologic conditions selected from the group consisting of (a) a disulfide bond that is cleaved more rapidly than oxidized glutathione and (b) a disulfide bond constructed from thiols in which one of the constituent thiols has a lower pKa than glutathione and (c) a disulfide bond that is activated by intramolecular attack from a free thiol wherein the compound contains a transduction signal.

2) (original) The compound of claim 1 wherein the transduction signal consists of Tat.

3) (original) The compound of claim 1 wherein the transduction signal consists of VP22.

4) (original) The compound of claim 1 wherein the transduction signal consists of ANTP.

5) (original) The compound of claim 1 wherein the transduction signal consists of a polymer containing a cationic charge.

6) (original) The compound of claim 5 claim 1 wherein the transduction signal consists of a peptide containing cationic residues.

7) (currently amended) A process for delivering a ~~compound having a labile disulfide bond molecule~~ into a mammal, comprising:

- forming the a compound having a disulfide bond selected from the group consisting of (i) a disulfide bond that is cleaved more rapidly than oxidized glutathione, and (ii) a disulfide bond constructed from thiols in which one of the constituent thiols has a lower pKa than glutathione, and (iii) a disulfide bond that is activated by intramolecular attack from a free thiol, wherein the compound is associated with the molecule;
- attaching a transduction signal to the compound;
- inserting the compound into the mammal; and,
- releasing the bond between the sulfur atoms in the disulfide.

8) (original) The process of claim 7 wherein the transduction signal consists of Tat.

9) (original) The process of claim 7 wherein the transduction signal consists of VP22.

10) (original) The process of claim 7 wherein the transduction signal consists of ANTP.

11) (original) The process of claim 7 wherein the transduction signal consists of a peptide containing a cationic charge.

12) (original) The process of claim 11 wherein the transduction signal consists of a peptide containing cationic residues.

13) (currently amended) The compound of claim 1 wherein the ~~compound~~ molecule consists of nucleic acids.

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